

SEARCH REQUEST FORM

8-880

Requestor's

Name:

David Lukton

Serial

Number:

08/930 796

Date:

8/31/98

Phone:

308-3213

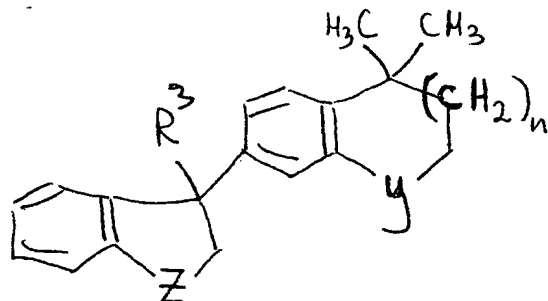
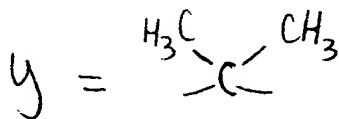
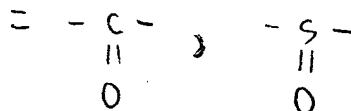
Art Unit:

1654

Room 9805

Search Topic:

Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

 $R^3 = \text{anything}$ ~~was removed~~ $n = 0 \text{ or } 1$ $Z = -O-, -S-, -N-$  $= -O-, -S-, -N-$ 

STAFF USE ONLY

Date completed:

9/1/98

Searcher:

Sheppaw

Terminal time:

Elapsed time:

CPU time:

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Number of Searches:

Number of Databases:

Search Site

☐ STIC☐ CM-1☐ Pre-S

Type of Search

☐ N.A. Sequence☐ A.A. Sequence☐ Structure☐ Bibliographic

Vendors

☐ IG☐ STN☐ Dialog☐ APS☐ Geninfo☐ SDC☐ DARC/Questel☐ Other

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 15:19:14 ON 01 SEP 1998
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 FILE COVERS 1967 - 1 Sep 1998 VOL ISS ISS
 FILE LAST UPDATED: 1 Sep 1998 (980901/ED)
 FILE LAST UPDATED: 27 Aug 1998 (980827/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

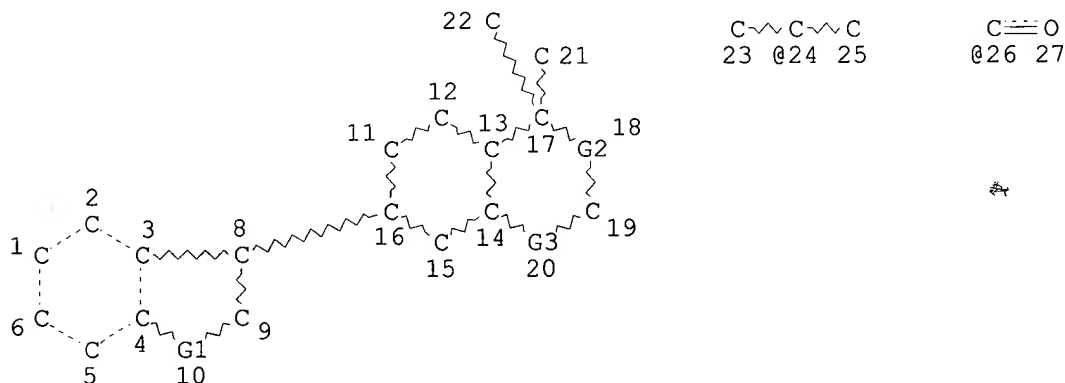
This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

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=> d stat que 14

L1 STR



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 VAR G3=24/O/S/26/N
 NODE ATTRIBUTES:
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 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 26

STEREO ATTRIBUTES: NONE

L3 44 SEA FILE=REGISTRY SSS FUL L1
 L4 4 SEA FILE=HCAPLUS ABB=ON PLU=ON L3

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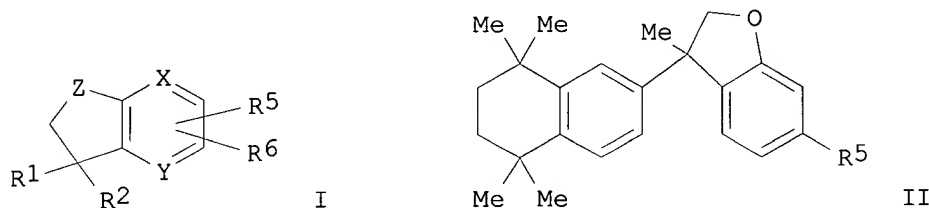
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ENTER DISPLAY FORMAT (BIB):end

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L4 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 1998 ACS
AN 1998:485721 HCAPLUS
DN 129:95395
TI Preparation and formulation of 3-(tetramethyltetrahydronaphthyl)benzofuran-5-acrylates and analogs as antiproliferatives
SO Fr. Demande, 34 pp.
CODEN: FRXXBL
IN Diaz, Philippe; Charpentier, Bruno
PI FR 2756561 A1 980605
AI FR 96-14882 961204
PY 1998
GI



AB Title compds. [I; R1 = (hetero)aryl; R2 = (CH₂)_mR₃; R3 = H, alkyl, aryl, etc.; R5 = CH:CHCOR₈, C.tplbond.CCOR₈, CH:CHCHR₉OH, etc.; R6 = H, halo, alkyl, alkoxy, etc.; R8 = H, OH, alkyl, alkoxy, etc.; R9 = H or alkyl; X, Y = CH or N; Z = O, S, (un)substituted NH; m = 0 or 1] were prepd. as antiproliferatives (no data). Thus, Me 4-hydroxy-3-iodobenzoate was etherified by 2-bromo-1-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthyl)ethanone and the product condensed with the ylide from Ph₃PMeBr to give, after cyclization and and sapon., benzofurancarboxylate II (R5 = CO₂H) which was converted in 2 steps to II (R5 = CHO). The latter was condensed with (ETO)₂P(O)CH₂CO₂Et to give, after sapon., II (R5 = CH:CHCO₂H).

IT 209739-27-5P 209739-28-6P 209739-29-7P
209739-30-0P 209739-31-1P 209739-32-2P
209739-33-3P 209739-34-4P 209739-35-5P
209739-36-6P 209739-37-7P 209739-38-8P
209739-39-9P 209739-40-2P 209739-41-3P
209739-42-4P 209739-43-5P

RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. and formulation of 3-(tetramethyltetrahydronaphthyl)benzofuran-5-acrylates and analogs as antiproliferatives)

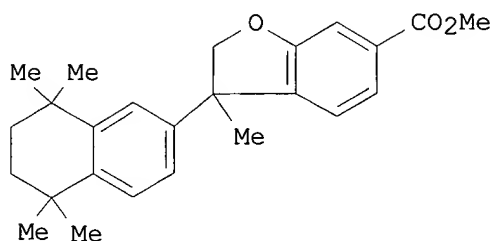
IT 195060-19-6P 195060-20-9P 195060-34-5P
195060-35-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and formulation of 3-(tetramethyltetrahydronaphthyl)benzofuran-5-acrylates and analogs as antiproliferatives)

L4 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 1998 ACS
AN 1998:270543 HCAPLUS
DN 129:28096
TI New synthetic retinoids obtained by palladium-catalyzed tandem cyclization-hydride capture process
SO Tetrahedron (1998), 54(18), 4579-4590

CODEN: TETRAB; ISSN: 0040-4020

AU Diaz, Philippe; Gendre, Fabrice; Stella, Lucien; Charpentier, Bruno
 PY 1998
 GI



I

AB A new series of conformationally restricted retinoids (3-aryl-3-methyl-2,3-dihydrobenzofurans) were prep'd. via a palladium-catalyzed tandem cyclization-hydride capture. The use of enantiopure BINAP-Pd catalyst allowed asym. synthesis of the bioactive mols., e.g. I.

IT 195060-17-4P 195060-19-6P 195060-30-1P
 195060-36-7P 195060-37-8P 195060-38-9P
 195060-39-0P 207865-41-6P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. of new conformationally restricted benzofuran retinoids via the palladium-catalyzed tandem cyclization-hydride capture process)

L4 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 1998 ACS

AN 1998:175698 HCAPLUS

DN 128:213396

TI Use of retinoids for the preparation of a medicament for treating disorders related to VEGF overexpression

SO Eur. Pat. Appl., 9 pp.

CODEN: EPXXDW

IN Vega, Barbara; Michel, Serge; Ladoux, Annie; Frelin, Christian

PI EP 826368 A1 980304

AI EP 97-401998 970827

PY 1998

AB Retinoids, particularly anti-AP1 are used for the prep'n. of a medicament for treating disorders related to VEGF (vascular endothelial growth factor) overexpression, e.g. psoriasis and Kaposi syndrome. Thus, 6-[3-(1-adamantyl)-4-methoxyphenyl]2-naphthoic acid at 10⁻⁸ M concn. inhibited the expression of VEGF in cultured keratinocytes by 58% as compared with glyceraldehyde phosphate dehydrogenase.

IT 195060-18-5 195060-24-3

RL: BAC (Biological activity or effector, except adverse); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (use of retinoids for prep'n. of medicament for treating disorders related to VEGF overexpression)

L4 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 1998 ACS

AN 1997:542441 HCAPLUS

DN 127:220571

TI Preparation of heterocyclic diaryl compounds and pharmaceutical and cosmetic compositions containing them

SO PCT Int. Appl., 71 pp.

CODEN: PIXXD2

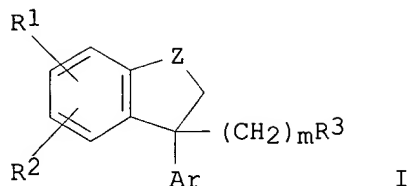
IN Diaz, Philippe; Charpentier, Bruno

PI WO 9729100 A1 970814

AI WO 97-FR217 970204

PY 1997

GI



AB The prepn. of heterocyclic diaryl compds. I [Ar = substituted Ph, benzo-fused heterocyclyl; R1 = Me, (CH2)pOR11, OR11, (CH2)pCOR12, S(O)tR13; R2 = H, halo, alkyl, OR11; R3 = H, alkyl, alkenyl, alkynyl, aryl, monohydroxyalkyl, polyhydroxyalkyl, cyano, OR11; R11 = COR12, H, alkyl, aryl, aralkyl, hydroxyalkyl, acyl; R12 = H, alkynyl, alkenyl, alkyl, heterocyclyl, etc.; R13 = H, alkyl, aryl, etc.; r, r' = protecting groups, H, alkyl, etc. m = 0-10; Z = O, S, NR'; R' = protecting group, H, alkyl, etc.; t = 0-3; p = 0-3] for use in human or veterinary medicine (no data) (particularly for dermatol., rheumatic, respiratory, cardiovascular, and ophthalmol. disorders) or in cosmetic compns. (no data) is described. E.g., treating Me 4-iodo-3-[2-[5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthyl]-1-propenyloxy]benzoate with bis(triphenylphosphine)palladium diacetate and tributylvinyltin gave 32% Me 3-allyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthyl)-2H-1-benzofuran-6-carboxylate.

IT 195060-17-4P 195060-19-6P 195060-23-2P
195060-30-1P 195060-32-3P 195060-34-5P
195060-40-3P 195060-41-4P 195060-43-6P

RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arylbenzofuran derivs. as dermatol. agents)

IT 195060-18-5P 195060-20-9P 195060-24-3P
195060-25-4P 195060-26-5P 195060-27-6P
195060-31-2P 195060-33-4P 195060-35-6P
195060-36-7P 195060-37-8P 195060-38-9P
195060-39-0P 195060-42-5P 195060-44-7P
195060-47-0P 195060-48-1P

RL: BAC (Biological activity or effector, except adverse); BUU (Biological use, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of arylbenzofuran derivs. as dermatol. agents)

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=> fil caold

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FILE COVERS 1957-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> d stat que 15 nos

L1 STR
L3 44 SEA FILE=REGISTRY SSS FUL L1
L5 0 SEA FILE=CAOLD ABB=ON PLU=ON L3

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=> fil reg

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STRUCTURE FILE UPDATES: 28 AUG 98 HIGHEST RN 210556-31-3
DICTIONARY FILE UPDATES: 31 AUG 98 HIGHEST RN 210556-31-3

TSCA INFORMATION NOW CURRENT THROUGH JUNE 29, 1998

Please note that search-term pricing does apply when
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Stereochemical name changes have been adopted and appear in CN's
beginning 6/29/98. See the online news message for details.

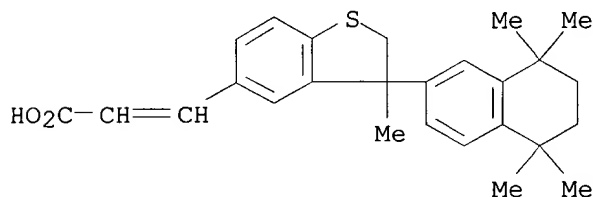
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at an arrow prompt for a message containing
important details.

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=> d ide can 13 1-44

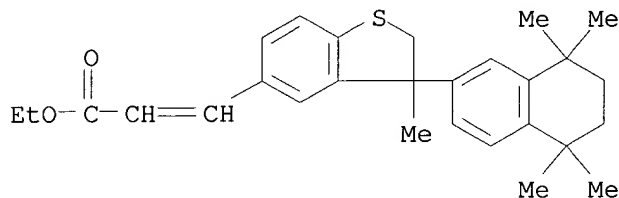
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RN 209739-43-5 REGISTRY
CN 2-Propenoic acid, 3-[2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-
5,5,8,8-tetramethyl-2-naphthalenyl)benzo[b]thien-5-yl]- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C26 H30 O2 S
SR CA
LC STN Files: CA, CAPLUS



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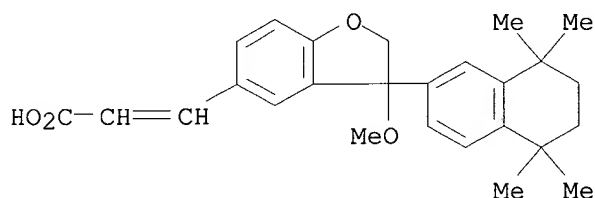
L3 ANSWER 2 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 209739-42-4 REGISTRY
 CN 2-Propenoic acid, 3-[2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)benzo[b]thien-5-yl]-, ethyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C28 H34 O2 S
 SR CA
 LC STN Files: CA, CAPLUS



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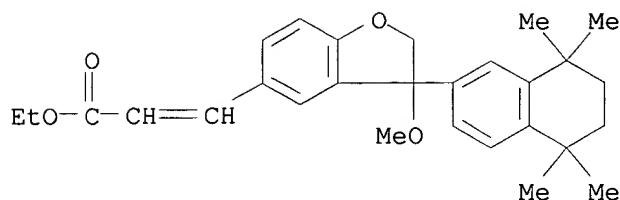
L3 ANSWER 3 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 209739-41-3 REGISTRY
 CN 2-Propenoic acid, 3-[2,3-dihydro-3-methoxy-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]- (9CI) (CA INDEX NAME)
 MF C26 H30 O4
 SR CA
 LC STN Files: CA, CAPLUS



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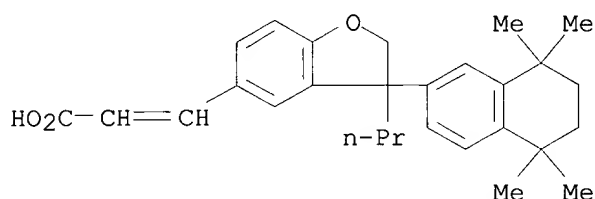
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 RN 209739-40-2 REGISTRY
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 MF C28 H34 O4
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 LC STN Files: CA, CAPLUS



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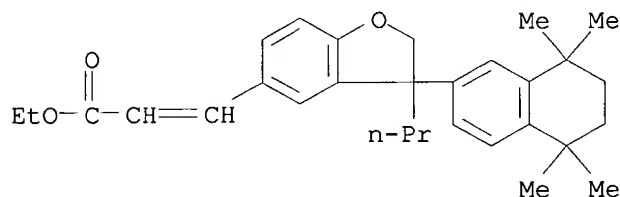
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RN 209739-39-9 REGISTRY
CN 2-Propenoic acid, 3-[2,3-dihydro-3-propyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]- (9CI) (CA INDEX NAME)
MF C28 H34 O3
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
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REFERENCE 1: 129:95395

L3 ANSWER 6 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 209739-38-8 REGISTRY
CN 2-Propenoic acid, 3-[2,3-dihydro-3-propyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]-, ethyl ester (9CI) (CA INDEX NAME)
MF C30 H38 O3
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LC STN Files: CA, CAPLUS



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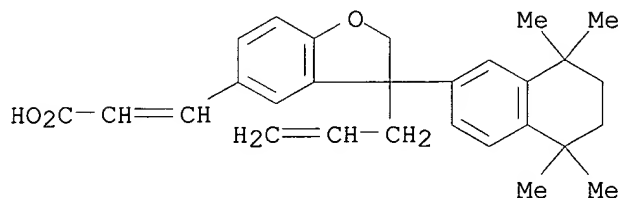
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RN 209739-37-7 REGISTRY
CN 2-Propenoic acid, 3-[2,3-dihydro-3-(2-propenyl)-3-(5,6,7,8-

tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]-
(9CI) (CA INDEX NAME)

MF C28 H32 O3

SR CA

LC STN Files: CA, CAPLUS



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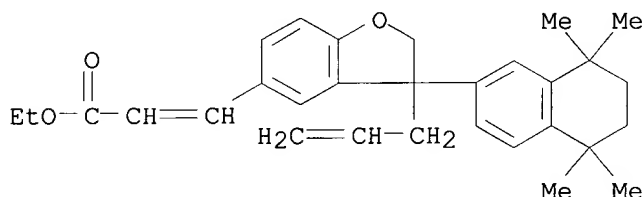
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MF C30 H36 O3

SR CA

LC STN Files: CA, CAPLUS



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REFERENCE 1: 129:95395

L3 ANSWER 9 OF 44 REGISTRY COPYRIGHT 1998 ACS

RN 209739-35-5 REGISTRY

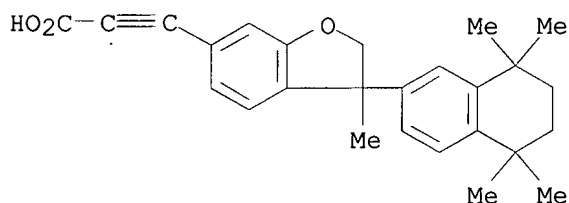
CN 2-Propynoic acid, 3-[2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-6-benzofuranyl]- (9CI) (CA INDEX NAME)

FS 3D CONCORD

MF C26 H28 O3

SR CA

LC STN Files: CA, CAPLUS

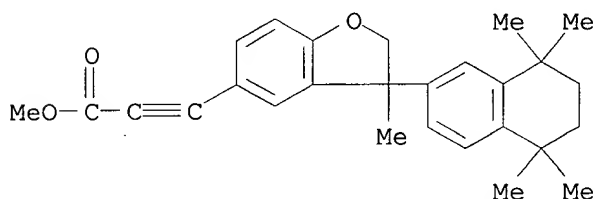


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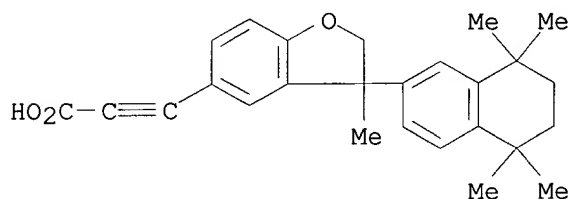
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RN 209739-34-4 REGISTRY
CN 2-Propynoic acid, 3-[2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]-, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H30 O3
SR CA
LC STN Files: CA, CAPLUS



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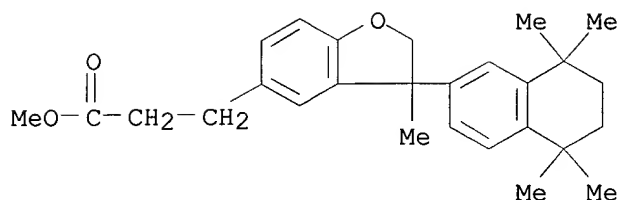
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RN 209739-33-3 REGISTRY
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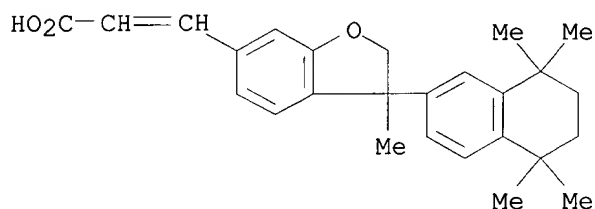
L3 ANSWER 12 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 209739-32-2 REGISTRY
CN 5-Benzofuranpropanoic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
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MF C27 H34 O3
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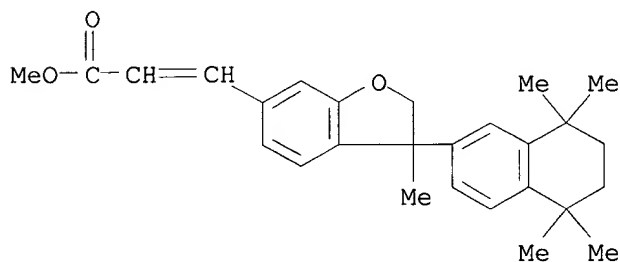
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RN 209739-31-1 REGISTRY
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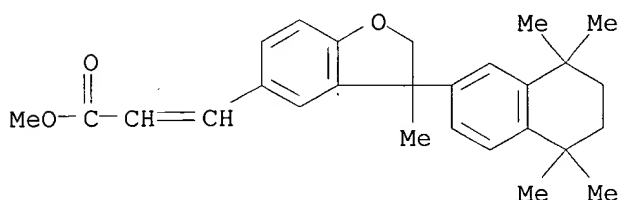
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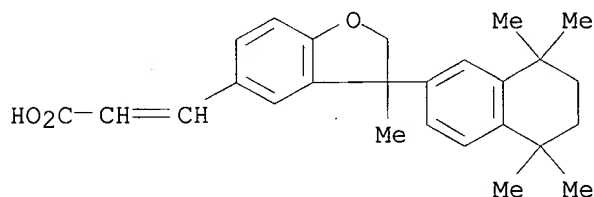
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MF C27 H32 O3
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LC STN Files: CA, CAPLUS



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1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95395

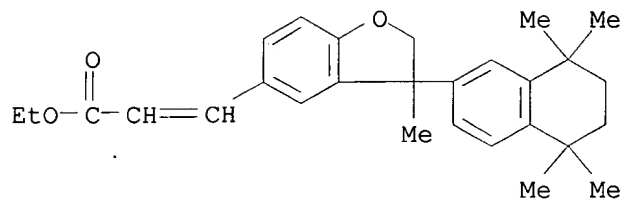
L3 ANSWER 16 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 209739-28-6 REGISTRY
CN 2-Propenoic acid, 3-[2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H30 O3
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95395

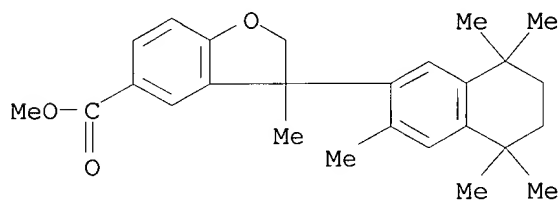
L3 ANSWER 17 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 209739-27-5 REGISTRY
CN 2-Propenoic acid, 3-[2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]-, ethyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C28 H34 O3
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95395

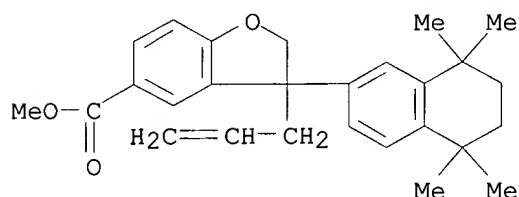
L3 ANSWER 18 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 207865-41-6 REGISTRY
CN 5-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-3,5,5,8,8-pentamethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H32 O3
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:28096

L3 ANSWER 19 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-48-1 REGISTRY
CN 5-Benzofurancarboxylic acid, 2,3-dihydro-3-(2-propenyl)-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
MF C27 H32 O3
SR CA
LC STN Files: CA, CAPLUS

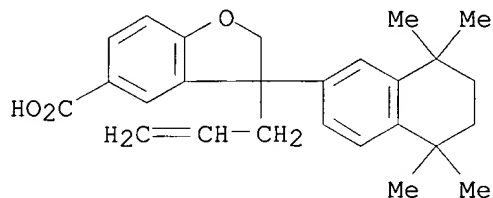


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

L3 ANSWER 20 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-47-0 REGISTRY

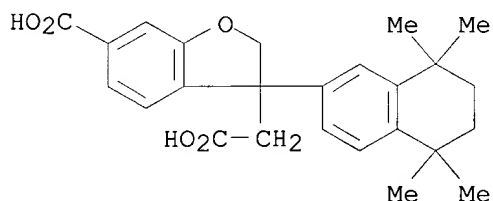
CN 5-Benzofurancarboxylic acid, 2,3-dihydro-3-(2-propenyl)-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
 MF C26 H30 O3
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

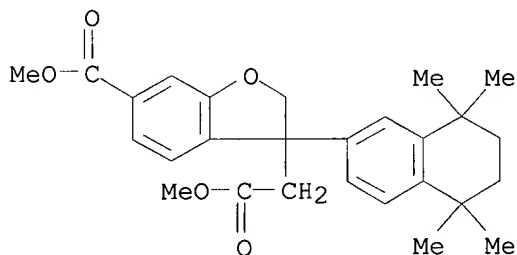
L3 ANSWER 21 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-44-7 REGISTRY
 CN 3-Benzofuranacetic acid, 6-carboxy-2,3-dihydro-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
 MF C25 H28 O5
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

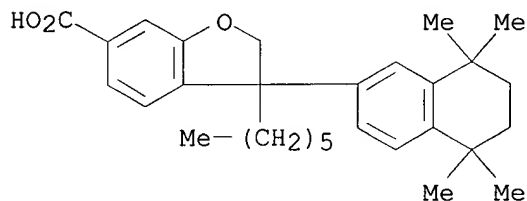
L3 ANSWER 22 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-43-6 REGISTRY
 CN 3-Benzofuranacetic acid, 2,3-dihydro-6-(methoxycarbonyl)-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
 MF C27 H32 O5
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

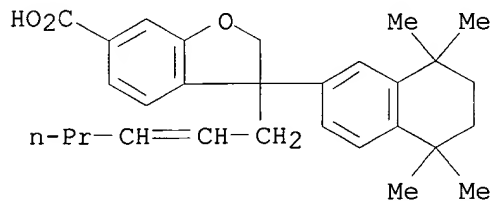
L3 ANSWER 23 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-42-5 REGISTRY
 CN 6-Benzofurancarboxylic acid, 3-hexyl-2,3-dihydro-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
 MF C29 H38 O3
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

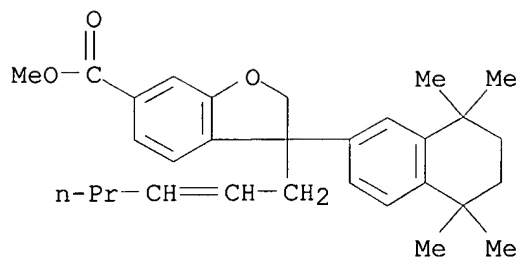
L3 ANSWER 24 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-41-4 REGISTRY
 CN 6-Benzofurancarboxylic acid, 3-(2-hexenyl)-2,3-dihydro-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
 MF C29 H36 O3
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

L3 ANSWER 25 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-40-3 REGISTRY
 CN 6-Benzofurancarboxylic acid, 3-(2-hexenyl)-2,3-dihydro-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
 MF C30 H38 O3
 SR CA
 LC STN Files: CA, CAPLUS

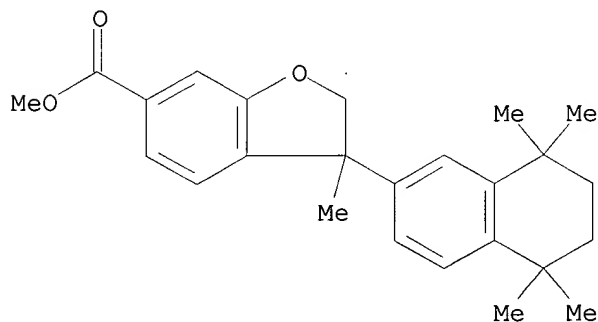


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

L3 ANSWER 26 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-39-0 REGISTRY
CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester, (+)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H30 O3
SR CA
LC STN Files: CA, CAPLUS

Rotation (+).



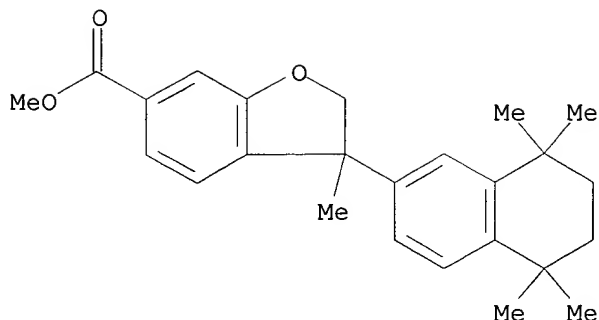
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:28096

REFERENCE 2: 127:220571

L3 ANSWER 27 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-38-9 REGISTRY
CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester, (-)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H30 O3
SR CA
LC STN Files: CA, CAPLUS

Rotation (-).



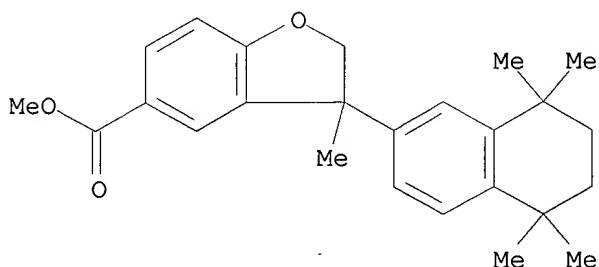
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:28096

REFERENCE 2: 127:220571

L3 ANSWER 28 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-37-8 REGISTRY
CN 5-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester, (+)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H30 O3
SR CA
LC STN Files: CA, CAPLUS

Rotation (+).



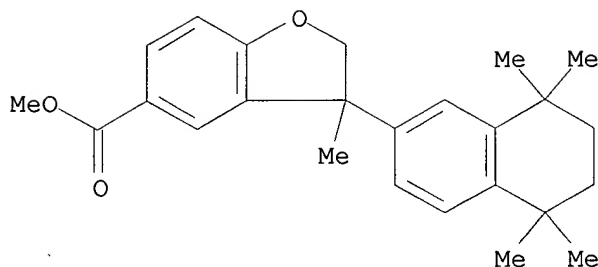
2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:28096

REFERENCE 2: 127:220571

L3 ANSWER 29 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-36-7 REGISTRY
CN 5-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester, (-)-(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C25 H30 O3
SR CA
LC STN Files: CA, CAPLUS, CASREACT

Rotation (-).

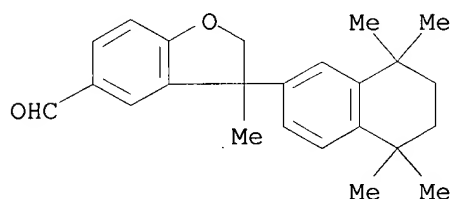


2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:28096

REFERENCE 2: 127:220571

L3 ANSWER 30 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-35-6 REGISTRY
CN 5-Benzofurancarboxaldehyde, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H28 O2
SR CA
LC STN Files: CA, CAPLUS

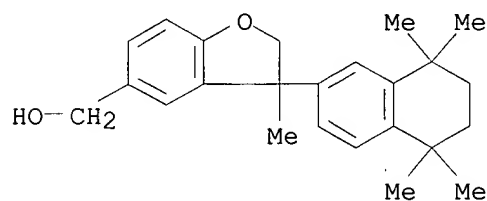


2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95395

REFERENCE 2: 127:220571

L3 ANSWER 31 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-34-5 REGISTRY
CN 5-Benzofuranmethanol, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H30 O2
SR CA
LC STN Files: CA, CAPLUS

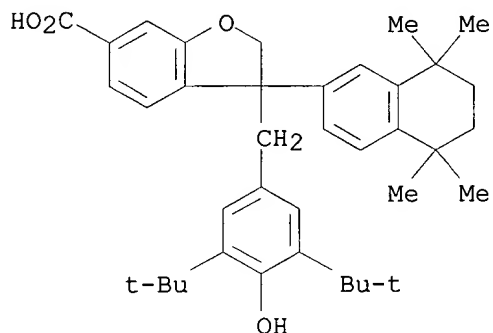


2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95395

REFERENCE 2: 127:220571

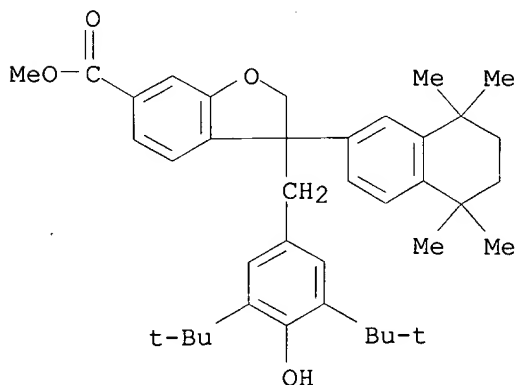
L3 ANSWER 32 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-33-4 REGISTRY
CN 6-Benzofurancarboxylic acid, 3-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]-2,3-dihydro-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
MF C38 H48 O4
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

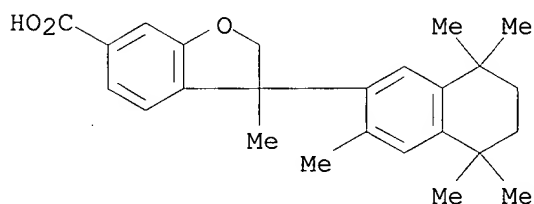
L3 ANSWER 33 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-32-3 REGISTRY
CN 6-Benzofurancarboxylic acid, 3-[[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]methyl]-2,3-dihydro-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
MF C39 H50 O4
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

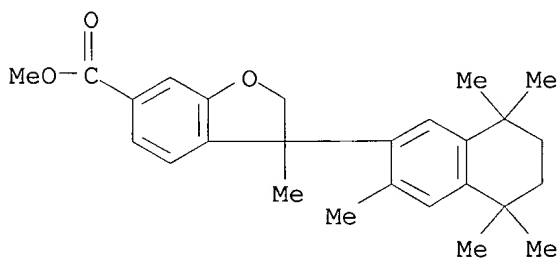
L3 ANSWER 34 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-31-2 REGISTRY
 CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-3,5,5,8,8-pentamethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C25 H30 O3
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

L3 ANSWER 35 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-30-1 REGISTRY
 CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-3,5,5,8,8-pentamethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C26 H32 O3
 SR CA
 LC STN Files: CA, CAPLUS

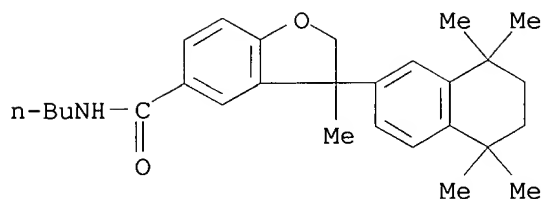


2 REFERENCES IN FILE CA (1967 TO DATE)
 2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:28096

REFERENCE 2: 127:220571

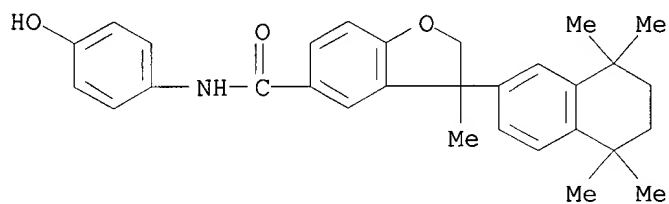
L3 ANSWER 36 OF 44 REGISTRY COPYRIGHT 1998 ACS
 RN 195060-27-6 REGISTRY
 CN 5-Benzofurancarboxamide, N-butyl-2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
 FS 3D CONCORD
 MF C28 H37 N O2
 SR CA
 LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

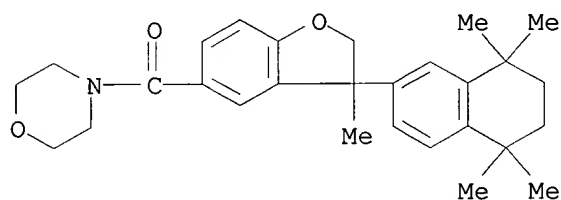
L3 ANSWER 37 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-26-5 REGISTRY
CN 5-Benzofurancarboxamide, 2,3-dihydro-N-(4-hydroxyphenyl)-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H33 N O3
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

L3 ANSWER 38 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-25-4 REGISTRY
CN Morpholine, 4-[[2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-5-benzofuranyl]carbonyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C28 H35 N O3
SR CA
LC STN Files: CA, CAPLUS

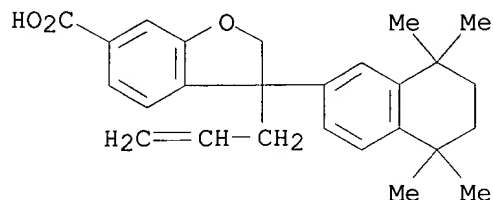


1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

L3 ANSWER 39 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-24-3 REGISTRY

CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-(2-propenyl)-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
MF C26 H30 O3
SR CA
LC STN Files: CA, CAPLUS, TOXLIT

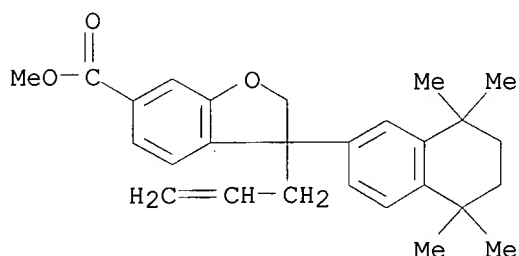


2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:213396

REFERENCE 2: 127:220571

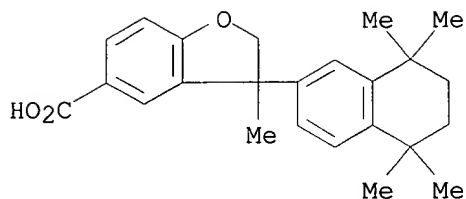
L3 ANSWER 40 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-23-2 REGISTRY
CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-(2-propenyl)-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI) (CA INDEX NAME)
MF C27 H32 O3
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1967 TO DATE)
1 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 127:220571

L3 ANSWER 41 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-20-9 REGISTRY
CN 5-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H28 O3
SR CA
LC STN Files: CA, CAPLUS

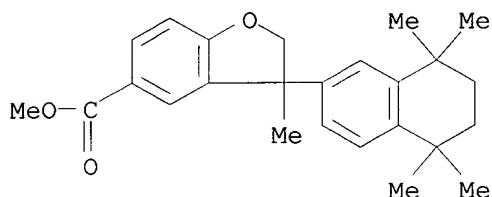


2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95395

REFERENCE 2: 127:220571

L3 ANSWER 42 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-19-6 REGISTRY
CN 5-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C25 H30 O3
SR CA
LC STN Files: CA, CAPLUS



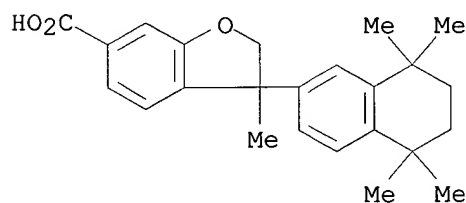
3 REFERENCES IN FILE CA (1967 TO DATE)
3 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:95395

REFERENCE 2: 129:28096

REFERENCE 3: 127:220571

L3 ANSWER 43 OF 44 REGISTRY COPYRIGHT 1998 ACS
RN 195060-18-5 REGISTRY
CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H28 O3
SR CA
LC STN Files: CA, CAPLUS, TOXLIT



2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 128:213396

REFERENCE 2: 127:220571

L3 ANSWER 44 OF 44 REGISTRY COPYRIGHT 1998 ACS

RN 195060-17-4 REGISTRY

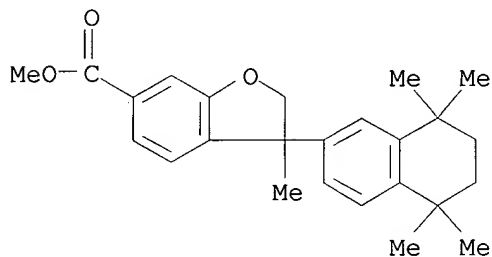
CN 6-Benzofurancarboxylic acid, 2,3-dihydro-3-methyl-3-(5,6,7,8-tetrahydro-5,5,8,8-tetramethyl-2-naphthalenyl)-, methyl ester (9CI)
(CA INDEX NAME)

FS 3D CONCORD

MF C25 H30 O3

SR CA

LC STN Files: CA, CAPLUS



2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

REFERENCE 1: 129:28096

REFERENCE 2: 127:220571